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Further foreign langu. drawings

K7/DVS, ZIN (10.92)

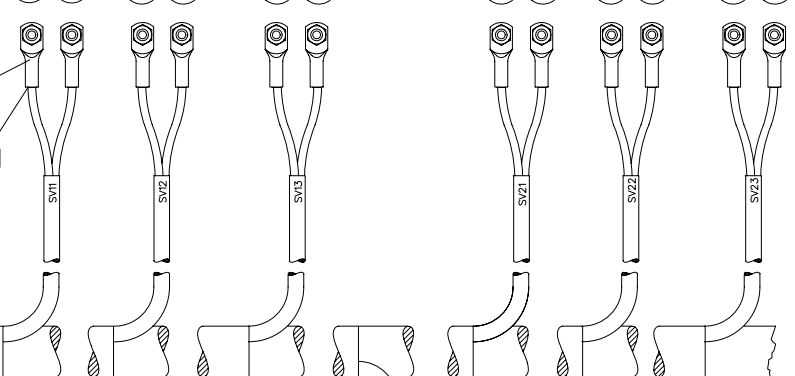
0 281 Y03 OXZ

Injectors (0 445 120 086) (0 445 120 087)

Firing order: See terminal diagram (Solenoid valves :SV)

ECU control order: See terminal diagram

(SV11) (SV12) (SV13) (SV21) (SV22) (SV23)
Cyl. 1 Cyl. 3 Cyl. 2 Cyl. 5 Cyl. 6 Cyl. 4



to relays, etc.
of cylinder plug!

to further sensors, relays, actuators, etc.
of engine plug!

ECU-Terminal diagram:
see 0 281 Y03 46G

Remarks:
Harness guidelines
K5/ESK Y 281 E22 013E,
DS-CV/ESA Y 445 R90 613.

⊗ corresponds to junction or
line – either contact in
control unit plug or connector

Cable cross sections:

All signal lines $\varnothing$ 0,75 mm²
Actuator lines $\varnothing$ 1,0 or 1,5 (2,5) mm²
and fuel actuator lines
Power lines $\varnothing$ 2,5 mm²

to further sensors, relays, actuators, etc.
of vehicle plug!

Parts list directory
see parts list with
the same number

Butt connectors:

Vehicle plug:

V1: BAT+ $\varnothing$ 6,0 mm² $\varnothing$ each 2,5 mm²
via fuse to BAT+ (1.08) (1.09) (1.02) (1.03)

V2: O_V_RH01 $\varnothing$ 2,5 mm² $\varnothing$ each 0,75 mm²
Switches & Lamps
OBD, WOL and WLP (1.04) (V2) (V2) (V2)

V3: G_R_DIG $\varnothing$ each 0,75 mm² $\varnothing$ each 0,75 mm²
EBR-SW, STP-SW (1.29) (V3) (V3)

Engine plug:

V4: O_V_RH02 $\varnothing$ 2,5 mm² $\varnothing$ each 0,75 or 1,5 mm²
EBRFL, ACRLY, VTC
ENSSA and EBR1 (2.03) (V4) (V4)

(1.77) (1.79) (1.78) (1.84) (1.80) (1.76)

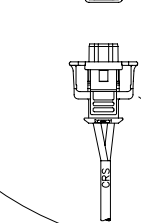
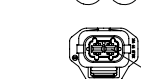
Accelerator pedal
sensor (APP)

BAT+ BAT-
via V1

Twisted pair lines
BAT+ BAT-
Term. 15

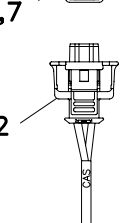
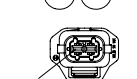
Crankshaft
speed sensor
(CRS)
(tone wheel with holes)
(0 281 002 315)
Shield

(2.19) (2.23)



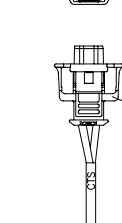
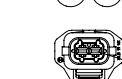
Segment
speed sensor
(CAS)
(tone wheel with pins)
(0 281 002 315)
Shield

(2.09) (2.10)



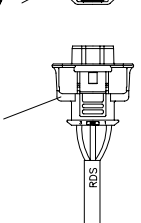
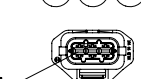
Coolant temp.-
sensor (CTS)
(0 281 002 209)

(2.26) (2.15)



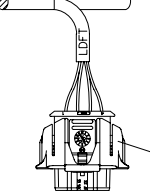
Rail pressure
sensor (RDS4)
(0 281 002 846)

(2.13) (2.14) (2.12)



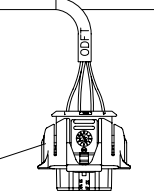
(2.25) (2.36) (2.33) (2.34)

Boost pressure
sensor (LDFT)
(0 281 002 576)



(2.24) (2.28) (2.32) (2.27)

Oil pressure
sensor (ODFT)
(0 261 230 112)



V3
(see terminal diagram)

V1

V2

(1.12) (1.17) (1.36) (1.53) (1.18) (1.35)

Vehicle plug

(1.01) (1.06) (1.72) (1.89) (1.07) (1.11) (1.54) (1.71)

(2.15) (2.09) (2.08) (2.06) (2.22) (2.16) (2.05) (2.04) (2.29) (2.23) (2.03) (2.01) (2.36) (2.30)

(2.15) (2.09) (2.08) (2.06) (2.22) (2.16) (2.05) (2.04) (2.29) (2.23) (2.03) (2.01) (2.36) (2.30)

Cyl. plug

(3.16) (3.12) (3.11) (3.06) (3.05) (3.01)

(3.16) (3.12) (3.11) (3.06) (3.05) (3.01)

Cyl. plug

(3.16) (3.12) (3.11) (3.06) (3.05) (3.01)

(3.16) (3.12) (3.11) (3.06) (3.05) (3.01)